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PIONEER HI-BRED DSM

007

SN: 09/758,802

## AMENDMENTS TO THE SPECIFICATION

Please insert the following after line 23 of page 16 in the specification.

The SSR profile of Inbred PH581 can be found in Table A.

Table A

Public Name of Marker	bin #	PH581 base pairs
phi427913	1.01	129.38
bnlg1014	1.01	131.78
phi056	1.01	249.32
bnlg1083	1.02	221.86
bnlg1127	1.02	96.21
bnlg1953	1.02	205.80
bnlg1429	1.02	190.09
bnlg1627	1.02	204.35
bnlg439	1.03	232.00
phi109275	1.03	139.59
phi339017	1.03	145.56
bnlg1203	1.03	306.51
bnlg1484	1.03	143.49
bnlg2086	1.04	225.83
bnlg2238	1.04	228.62
bnlg1832	1.05	223.63
bnlg1886	1.05	141.48
bnlg1057	1.06	249.42
bnlg1041	1.06	194.58
bnlg1615	1.06	232.40
bnlg1556	1.07	207.66
phi323065	1.08	317.66
phi335539	1.08	91.69
phi423298	1.08	133.68
phi002	1.08	69.78
bnlg1331	1.09	121.03
phi011	1.09	226.98
phi308707	1.10	131.11
phi227562	1.11	319.44
phi265454	1.11	217.66
phi064	1.11	74.22
phi402893	2.00	212.91
phi96100	2.01	280.53

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Public Name of Marker	bin #	PH581 base pairs
bnlg1017	2.02	195.57
bnlg2277	2.02	294.16
bnlg1064	2.03	188.18
bnlg1018	2.04	138.37
bnlg1909	2.05	295.14
bnlg1138	2.06	223.89
bnlg1396	2.06	133.20
bnlg1831	2.06	189.90
phi251315	2.07	123.79
phi328189	2.08	121.35
phi427434	2.08	137.07
phi435417	2.08	214.27
bnlg1141	2.08	178.62
bnlg1940	2.08	208.70
phi127	2.08	122.04
bnlg1520	2.09	296.30
phi101049	2.10	244.88
phi453121	3.00	217.80
phi104127	3.01	169.96
phi404206	3.01	300.24
phi193225	3.02	136.71
phi374118	3.02	222.89
bnlg1144	3.02	157.89
bnlg1647	3.02	163.74
bnlg1523	3.03	264.89
bnlg1019	3.04	155.02
bnlg1113	3.04	134.41
bnlg1452	3.04	125.59
bnlg1035	3.05	101.06
phi053	3.05	166.74
phi102228	3.06	135.04
bnlg1160	3.06	222.23
bnlg1951	3.06	126.99
bnlg2241	3.06	116.46
phi072	4.00	139.43
phi213984	4.01	284.60
phi295450	4.01	184.83
bnlg1162	4.03	104.11
phi308090	4.04	218.64
phi096	4.04	234.58
phi438301	4.05	208.45
bnlg1159	4.05	147.81

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Public Name of Marker	bin #	PH581 base pairs
bnlg1755	4.05	216.63
bnlg1937	4.05	227.36
bnlg1265	4.05	213.91
phi079	4.05	177.74
bnlg1189	4.07	129.65
bnlg2244	4.08	216.18
bnlg1006	5.00	216.82
phi396160	5.02	298.12
phi109188	5.03	167.28
bnlg653	5.04	151.67
phi330507	5.04	136.53
phi331888	5.04	134.18
bnlg1208	5.04	118.88
bnlg1892	5.04	158.09
phi333597	5.05	213.82
phi085	5.06	256.26
bnlg1118	5.07	80.70
bnlg1711	5.07	176.65
phi423796	6.01	128.39
phi389203	6.03	306.15
phi452693	6.04	130.98
bnlg1174	6.05	218.72
phi299852	6.07	110.58
phi364545	6.07	131.46
bnlg1740	6.07	236.30
bnlg1759	6.07	127.78
phi070;	6.07	81.05
umc1063		
phi034	7.02	137.50
bnlg2271	7.03	219.98
phi260485	7.05	301.94
phi051	7.05	138.57
phi069	7.05	195.31
phi116	7.06	168.82
phi420701	8.00	291.88
phi100175	8.03	136.75
bnlg2082	8.03	172.52
phi115	8.03	302.63
phi121	8.03	97.90
bnlg2046	8.04	320.35
bnlg1176	8.05	217.94
bnlg1152	8.06	121.65

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Public Name of Marker	bin #	PH581 base pairs
bnlg1065	8.07	215.69
bnlg1056	8.08	110.49
phi015	8.08	94.16
phi233376	8.09	136.10
bnlg2122	9.01	219.19
bnlg1012	9.04	171.18
phi032	9.04	236.63
phi108411	9.05	122.38
phi236654	9.05	122.93
bnlg619	9.07	272.68
phi041	10.00	202.94
phi96342	10.02	252.35
phi059	10.02	153.35
bnlg1079	10.03	170.34
phi050	10.03	83.27
phi301654	10.04	128.33
phi062	10.04	161.07
phi323152	10.05	134.72
bnlg1074	10.05	161.94
bnlg1185	10.07	151.61
bnlg1450	10.07	189.35
phi109642	2.03/2.04	137.61
bnlg1720	1.09/1.10	236.44
phi159819	6.00/6.08	135.83
phi448880	9.06/9.07	182.99